

SECRET**PRIORITY**

OUT-65531

P 102210Z JUL 68
 FM NPIC WASHDC
 TO AIG NINE SEVEN FIVE
 BT
 S E C R E T CITE NPIC 4180

10 JUL 68 22 56Z

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-031, 5 JULY 1968.

((TEXT THAT FOLLOWS IDENTICAL TO ABOVE MISSION))

S E C R E T

END OF MESSAGE

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
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	TSSG	
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	IEG	
3	PROD	
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4	WEST	
	EAST	
	M&S	
	PGM	
5	IAS	
	DIA-XX4	
6	SPAD	
	DIA-AP	
	CMX	

25X1

ADVANCE CY
 SANITIZED
 WITH TEXT

SECRET

GROUP 1
 Excluded from automatic
 downgrading and
 declassification

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-031, 5 JULY 1968. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

OUT65531

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGE@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC @NO APPARENT CHANGE@ AND/OR NOOB @NO ORDER OF BATTLE DISCERNIBLE@ AT THE END OF THE REFERENCE LINE.

SUMMARY

PHOTOGRAPHIC COVERAGE OF GLASS LAMP MISSION GL-031, 5 JULY 1968, CONFIRMS AN INSTALLATION NEAR SANTA ANA, CUBA, AS A MILITARY CAMP CONTAINING GROUND ORDER OF BATTLE EQUIPMENT. AN MI-8 HIP HELICOPTER IS IDENTIFIED FOR THE FIRST TIME AT HOLGUIN AIRFIELD. AIR, NAVAL, AND GROUND ACTIVITY OTHERWISE APPEARS NORMAL THROUGHOUT THE AREA OF COVERAGE.

MISSILES

HOLGUIN AIRFIELD SAM SITE A19-2 CU 204650N 0761950W

34-C1

25X1

THE LAUNCH POSITIONS AND GUIDANCE AREA ARE UNOCCUPIED.

OB -- 5 TRANSPORTERS WITH MISSILES.

25X1

HOLGUIN SAM SITE WEST CU 205100N 0762745W

0585

34-Z8

OB -- 6 LAUNCHERS @2 WITH MISSILES@, 7 TRANSPORTERS @6 WITH MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VANS, AND 4 CARGO TRUCKS.

25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 195941N 0755057W

24-C

25X1

OB -- 6 LAUNCHERS @3 WITH MISSILES@, 9 TRANSPORTERS @6 WITH MISSILES@, A FAN SONG RADAR WITH 3 ASSOCIATED VANS, 9 AT-5 TRACKED PRIME MOVERS, 9 ZIL-157V PRIME MOVERS, 3 CARGO TRUCKS, AND 7 VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTIAGO DE CUBA SAM SITE 2 CU 195845N 0754922W

0647

24-H

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 222820N 0801847W

154-C

25X1

SITE IS OCCUPIED.

25X1

PALMA SORIANO SAM SITE A02-2 CU 201524N 0755913W

54-H

25X1

OB -- 6 LAUNCHERS @3 WITH MISSILES@, 8 TRANSPORTERS @5 WITH MISSILES@, A FAN SONG RADAR WITH 2 ASSOCIATED VANS, AN ACQUISITION RADAR WITH 1 ASSOCIATED VAN, AND 9 VEHICLES/PIECES OF EQUIPMENT.

25X1

NAC

LA VEGUITA SAM ASSEMBLY AREA CU 204945N 0761515W

25X1

SAN PEDRO DE CACOCUM SAM SITE 006-2 CU 204545N 0761540W
72-C1

OB -- 6 LAUNCHERS 03 WITH MISSILES, 7 TRANSPORTERS 04 WITH
MISSILES, A FAN SONG RADAR WITH 6 ASSOCIATED VANS, AN ACQUISITION
RADAR WITH 1 ASSOCIATED VAN, AND 9 ZIL-157V TRACKED PRIME MOVERS.

SANTIAGO SAM TRAINING AREA CU 195849N 0755100W
24-D

OB -- 5 CARGO TRUCKS AND 1 UTILITY TRUCK.

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 212511N 0775054W
27

OB -- AT LEAST 5 SMALL/LIGHT STRAIGHT-WING AND 2 PROBABLE
HELICOPTERS.

HOLGUIN AIRFIELD CU 204707N 0761854W
34-C

THE AIRFIELD NOW HAS 29 HANGARETTES, ALL BUT NINE OF WHICH ARE
EARTH COVERED.

OB -- 4 FISHBED, 6 FAGOT/FRESCO, 1 COKE, 1 WIP, AND 1 HOUND.

LOS CANOS AIRFIELD CU 200505N 0750931W
41-A

OB -- 1 COLT TAKING OFF.

ANTONIO MACEO AIRFIELD CU 195809N 0755009W
9

OB -- 5 FAGOT/FRESCO, 1 COKE, 3 CRATE, 1 CAB, AND 1 HOUND.

KAWAMA AIRFIELD CU 230733N 0811750W
201

OB -- 1 CAR AND 1 PROBABLE CRATE.

JAIME GONZALES AIRFIELD CU 220026N 0802444W

NAVAL ACTIVITY/PORTS

CIENFUEGOS PORT A NAVAL FACILITIES CU 220025N 0802720W
51-A

VESSELS -- AT LEAST 2 LARGE FREIGHTERS.

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 200120N 0754910W
76

OB -- 1 POSSIBLE P-6 PT AND 3 P-4 PT.
OTHER VESSELS -- 5 FREIGHTERS.

MANZANILLO PORT CU 202100N 0770707W
113-B

VESSELS -- ONE FREIGHTER.

ELECTRONICS/COMMUNICATIONS

HOLGUIN AW RADAR FACILITY CU 204822N 0761756W
34-D

OB -- 1 TOKEN-CONFIGURED RADAR WITH 3 ASSOCIATED VANS.

SANTIAGO DE CUBA AW RADAR FAC CU 195920N 0755100W
24-E

EIGHT AT-5 TRACKED PRIME MOVERS, ONE CARGO TRUCK AND TWO TRACTOR
TRAILERS ARE OBSERVED.

44-B 25X1
OB -- 1 LOW SIEVE RADAR.

CARDENAS RADAR FAC HICACOS PENINSULA CU 231147N 0810825W 25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 0802523W 25X1
477-A

FOUR VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED. 25X1

CABO CRUZ LOW SIEVE RADAR FAC CU 195025N 0774337W 25X1
23-A

OB -- 1 LOW SIEVE RADAR. 25X1

SANTIAGO LOW SIEVE RADAR FAC LA SOCAPA CU 195800N 0755209W 25X1
24-F

OB -- 1 LOW SIEVE RADAR. 25X1

HOLGUIN AIRFIELD RADAR FACILITY SW CU 204502N 0762120W 25X1
0585 34-D2

OB -- 1 TOKEN-CONFIGURED RADAR, 2 POSSIBLE FLAT FACE RADARS, AND 12 ASSOCIATED VEHICLES.

VAZQUEZ POSS TALL KING/AW RDR FAC CU 210215N 0764150W 25X1
0585 329-A

CONSTRUCTION CONTINUES. 25X1

GROUND FORCE ACTIVITY
ALTO CEDRO MILITARY CAMP CU 202950N 0760021W 25X1
70-E

OB -- AREA 1 -- AT LEAST 47 VEHICLES/PIECES OF EQUIPMENT.

AREA 2 -- 18 VEHICLES/PIECES OF EQUIPMENT.

AREA 3 -- 32 VEHICLES/PIECES OF EQUIPMENT.

AREA 4 -- AT LEAST 46 VEHICLES/PIECES OF EQUIPMENT.

AREA 5 -- AT LEAST 49 VEHICLES/PIECES OF EQUIPMENT.

AREA 6 -- AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT.

AREA 7 -- AT LEAST 23 VEHICLES/PIECES OF EQUIPMENT. 25X1

GUANTANAMO AREA CU 2018//N 07525//W 25X1
0585 32-L

NO NEW MILITARY ACTIVITY IS OBSERVED.

AREAS 1 AND 9 -- 20 PERCENT USABLE COVERAGE.

AREAS 2, 4, AND 5 -- 100 PERCENT USABLE COVERAGE.

AREA 3 -- 85 PERCENT USABLE COVERAGE.

AREA 6 -- 90 PERCENT USABLE COVERAGE.

AREA 7 -- 60 PERCENT USABLE COVERAGE.

AREA 8 -- 5 PERCENT USABLE COVERAGE. 25X1

HOLGUIN MILITARY CAMP EAST CU 205321N 0761341W 25X1
34-V

OB -- MAIN CAMP -- 31 FA PIECES, 6 AAA PIECES, 17 MORTARS, 44 BTR-60P APC, 51 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, 2 VAN TRUCKS, AND 6 VEHICLES/PIECES OF EQUIPMENT.

CAMP 2.2 NM SE -- 6 FA PIECES AND 15 CARGO TRUCKS. 25X1

HOLGUIN MILITARY CAMP NORTH CU 205713N 0761633W 25X1
34-S

OB -- 5 AAA PIECES, 16 CARGO TRUCKS, AND 7 VEHICLES/PIECES OF EQUIPMENT. 25X1

SANTIAGO MILITARY CAMP CUABITAS CU 200342N 0754837W 25X1

OB -- 9 VEHICLES/PIECES OF EQUIPMENT.

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SANTIAGO MILITARY CAMP LA QUINTA CU 200242N 0755136W

76-N1

OB -- AT LEAST 11 FA PIECES, 7 POSSIBLE AAA PIECES, 11 POSSIBLE MORTARS, AND 6 CARGO TRUCKS.

MINAS MILITARY CAMP FUNDICION CU 212710N 0773415W

127-B

NEW CONSTRUCTION ACTIVITY AT THE WESTERN EDGE OF THE INSTALLATION INCLUDES AT LEAST THREE BARRACKS-TYPE BUILDINGS AND A ROAD.

OB -- 13 TANKS/ASSAULT GUNS, 3 POSSIBLE TANKS/ASSAULT GUNS, 8 PROBABLE AAA PIECES, AND 20 VEHICLES/PIECES OF EQUIPMENT.

OFELIA MILITARY CAMP CU 200620N 0753040W

347

OB -- 14 TANKS/ASSAULT GUNS, 14 FA PIECES, 12 AAA PIECES, 13 CARGO TRUCKS, 18 VAN TRUCKS, AND 13 VEHICLES/PIECES OF EQUIPMENT.

PUERTO PADRE MILITARY AREA CU 211140N 0763900W

61-C

OB -- 5 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE CUBA MILITARY CAMP NW CU 200310N 0755320W

76-P3

OB -- 21 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 200130N 0754743W

0585 76-X4

OB -- 4 CARGO TRUCKS, 4 VAN TRUCKS, AND 23 VEHICLES/PIECES OF EQUIPMENT.

LA CHARCA MILITARY HQS CU 224600N 0803627W

505

OB -- 44 FA PIECES, 28 FA/AAA PIECES, 8 PROBABLE AAA PIECES, 152 CARGO TRUCKS, 29 CANVAS-COVERED VEHICLES, 7 UTILITY TRUCKS, 1 BULLDOZER, AND 20 VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN MILITARY INSTITUTE CU 2052//N 07620//W

0585 34-X

OB -- 19 TANKS/ASSAULT GUNS, 60 FA PIECES, 37 AAA PIECES, 36 MORTARS, AT LEAST 100 CARGO TRUCKS, AND 14 VEHICLES/PIECES OF EQUIPMENT.

SIBONEY LANDING BEACH CU 195731N 0754215W

PLAYA YATERITAS LANDING BEACH CU 1958//N 07457//W

MAR VERDE LANDING BEACH CU 1957//N 07556//W

IMIAS LANDING BEACH CU 2005//N 07440//W

0585 368

VARADERO LANDING BEACH 005 CU 230900N 0811550W

201-01

THE ENTIRE BEACH IS COVERED ON CLOUD-FREE PHOTOGRAPHY OF FAIR INTERPRETABILITY.

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25X1

201-01

25X1

NINETY PERCENT OF THE BEACH IS COVERED ON CLOUD-FREE PHOTOGRAPHY OF
FAIR INTERPRETABILITY.

25X1

LA COCINA LANDING BEACH 223 CU 230720N 0812110W

201-C1

25X1

THE WESTERN HALF OF THE BEACH IS COVERED ON PHOTOGRAPHY OF FAIR
INTERPRETABILITY.

25X1

SANTA ANA MILITARY CAMP CU 2048//N 07612//W

0585

372

FACILITIES INCLUDE TWO I-SHAPED ADMINISTRATION BUILDINGS, 22
BARRACKS, FIVE T-SHAPED PROBABLE MESSHALLS, ONE MULTI-WING POSSIBLE
HOSPITAL, 14 VEHICLE REPAIR/MAINTENANCE BUILDINGS, 10
SUPPORT/STORAGE BUILDINGS, FOUR MISCELLANEOUS BUILDINGS, AND A
VEHICLE DRIVE-TRAINING COURSE.

OB -- 32 TANKS/ASSAULT GUNS, 30 BTR-60P APC, 6 AAA PIECES, 12 CARGO
TRUCKS, AND 17 VEHICLES/PIECES OF EQUIPMENT.

25X1

OTHER ACTIVITY

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER CU 195955N 0755040W

25X1

7

6

5

4

3

2